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(54) ACCUMULATOR FUEL SYSTEM

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(57)**ABSTRACT**

An accumulator fuel system for an internal combustion engine having a plurality of engine cylinders, includes an accumulator fuel volume for supplying high pressure fuel to one or more of a plurality of injectors, each of which is arranged to supply fuel to an associated one of the engine cylinders. The accumulator fuel volume is integrated within an engine component, where the engine component provides a purpose other than that solely of an accumulator volume for storing high pressure fuel. The accumulator fuel volume is therefore defined in an existing engine component, to reduce part count, weight and cost. In one embodiment the accumulator fuel volume is defined within a rocker shaft of the engine and in another embodiment within the engine cylinder head.

